



ENGINEERING
ENVIRONMENTAL
ECOLOGICAL

January 12, 2017

Francisco J. Alonso, PE
Associate Vice President, Miami Unit Manager
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201 Alhambra Circle, Suite 900
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**Subject: Arborist Assessment Report
Higgs Beach Park at Atlantic Boulevard
Key West, Monroe County, Florida
E Sciences Project Number 7-0313-001**

Dear Mr. Alonso:

E Sciences, Incorporated (E Sciences) is pleased to provide you with this Arborist Assessment Report for the above-referenced property (the Site). This report was prepared in general accordance with E Sciences' proposal number 7-0313-P01 dated October 20th, 2016.

Background Information

E Sciences' understanding of the project is based upon a telephone conversation between Ms. Leticia Fernandez-Beraud, RLA and Justin Freedman of our Miami office on October 19th, 2016 and Ms. Fernandez-Beraud's subsequent email describing the project and providing the project's tree disposition table. Ms. Fernandez-Beraud also spoke with Brian Voelker of our Fort Lauderdale office on January 1st, 2017 and subsequently provided Mr. Voelker with "tree disposition" plans in PDF format and an existing tree data table in Microsoft Excel format (both dated November 28th, 2016).

Per these discussions, we understand that the City of Key West requested a report be prepared by an ISA Certified Arborist assessing approximately 388 trees and palms proposed for preservation and approximately 110 trees proposed for relocation within the Site. The Site is located on the north side of Atlantic Boulevard between Reynolds Street and White Street.

Assessment

Brian Voelker, an E Sciences' ISA Certified Arborist, visited the Site on January 5th, 2017 to visually assess trees proposed to remain or be relocated as identified in the aforementioned tree disposition plans and tree data tables.

The trees were assessed through visual observation of above-ground tree features, including surface roots, trunks, and canopies (branches, foliage, etc.). Based on these assessments, individual trees

were assigned a general condition with up to three defects recorded (if applicable) to support the condition rating. Remediation recommendations (up to two per tree) were also recorded where applicable. Additional comments were recorded for select trees, including those trees where E Sciences' determined that the proposed disposition (i.e. "Remain", "Remove", or "Relocate") should be re-considered based on the tree's condition or relative ecological/aesthetic value.

E Sciences modified the original November 28th, 2016 tree table by adding our comments within the red outlined box on the attached table. Also, where the disposition was proposed to be modified, the values in the "Disposition" column and subsequent mitigation columns were adjusted accordingly (see **Attachment 1 – Tree Data Table with E Sciences Comments**). Adjusted fields are in bold.

Photographs were taken for trees with proposed disposition changes, as well as select trees with certain defects (e.g. discolored foliage, utility line conflicts, etc.) to provide photographic examples of these defects (see **Attachment 2 – Photo Pages**).

Findings

Trees Proposed to be Relocated

E Sciences determined that trees proposed for relocation were suitable candidates, with the exception of three trees (numbers 187, 209, and 214). These three trees were determined to be in poor condition due to a variety of defects (i.e. significant canopy reduction, significant defoliation, etc.). Based on the poor condition of these trees, relocation is not recommended due to the reduced likelihood of transplant survival. The "disposition" values of these trees, along with the corresponding mitigation values, were adjusted accordingly in the tree data table (see **Attachment 1**).

Trees Proposed to Remain

E Sciences determined that trees proposed to remain were in adequate condition to warrant preservation and protection during construction. Select condition ratings were adjusted slightly to reflect current conditions and obvious notable defects. Recommendations for remediation, including utility clearance pruning, structure pruning, and fertilization were also provided where appropriate.

However, one tree proposed to "remain" (number 229) was found to be in poor condition (i.e. major limb damage). The disposition for this tree was changed to "remove" on the tree data table due to the reduced likelihood of transplant survival.

Supplemental Observations – Trees Proposed for Removal

Although not specifically outlined in the proposal, E Sciences also assessed those trees proposed for removal per telephone conversations with Ms. Fernandez-Beraud. The assessment of trees proposed for removal was performed primarily to identify trees that fell into two categories:

- Category 1 - Trees proposed for removal based on poor condition alone (i.e. not in conflict with construction) that may be in suitable condition to preserve and remediate.
- Category 2 - Trees proposed for removal due to construction conflicts that are in good condition and are providing high aesthetic or ecological functions (i.e. large, healthy canopies for shade and wildlife habitat) and therefore may warrant preservation.

Three Category 1 trees (numbers 200B, 473, and 507) were found to be in fair or better condition with issues including slightly lopsided canopies, sprouting/stubs, and recumbent growth form. No significant structural damage or decay was observed with these trees that would indicate a higher likelihood of failure. Consequently, these trees should be considered for preservation vs. removal, with remediation efforts (e.g. structural pruning, crown cleaning) performed where recommended.

Five Category 2 trees (numbers 187, 271, 400, 403, and 420B), including green buttonwood (*Conocarpus erectus*), mahogany (*Swietenia mahagoni*), and tropical almond (*Terminalia catappa*) were determined to be in good condition and displayed relatively large, healthy canopies providing excellent shade, habitat and aesthetic values. Although tropical almond is listed as a Florida Exotic Pest Plant Council (FLEPPC) Category II tree (i.e. considered “somewhat” invasive), this particular tree is not anticipated to spread and outcompete native vegetation in a manicured park setting (i.e. active mowing between trees). Based on the conditions and values of these trees, E Sciences recommends that design alterations be considered (if practicable) to avoid impacts to these trees and preserve them in place, performing remediation pruning where recommended.

Additional Observations

In addition to the aforementioned assessments, E Sciences provided updates to the tree data table to address the following items:

- Addition of species names where they were missing
- Correction of species names where they were incorrect
- Correction of proposed disposition on table where it did not match symbol on map
- Addition of one tree (number 378B) to the tree table that was not on tree disposition plan or table (see **Attachment 3 – Tree Disposition Plan Mark Up** for tree location).

Please note that although proposed tree dispositions were modified where appropriate on the tree data table, the corresponding tree symbols were not modified on the tree disposition plans.

We appreciate the opportunity to provide you with this Arborist Assessment Report. If you have any questions or comments, please contact us at 954-484-8500.

Sincerely,

E SCIENCES, INCORPORATED



Brian Voelker
Senior Scientist



Justin Freedman
Project Manager

Attachments:

1. Tree Data Table with E Sciences' Comments
2. Photo Pages
3. Tree Disposition Plan Mark Up

ATTACHMENT 1

Tree Data Table with E Sciences' Comments

Higgs Beach Park at Atlantic Boulevard

November 28th, 2016 Tree Disposition Table (updated per E Sciences' field assessment on January 5th, 2017)

E SCIENCES' NOTES														Note - columns updated per E Sciences' recommended change to disposition (edits in bold text)								
Sheet No.	Tree #	Botanical Name	Common Name	Caliper (in)	Height (ft)	Spread (ft)	CONDITION	Defect 1	Defect 2	Defect 3	Recommendation 1	Recommendation 2	Comments	Photo # (if applicable)	Condition	Disposition	Canopy Tree-Remove	Native Palms-Remove	Non-Native Palms-Remove-MITIGATE	Canopy-Transplant	Palms-Transplant	Inv/Unreg - Remove
LD-03	100	<i>Cocos nucifera</i>	Coconut Palm				Good									Remain						
LD-03	101	<i>Cocos nucifera</i>	Coconut Palm				Good									Remain						
LD-03	102	<i>Cocos nucifera</i>	Coconut Palm				Good									Remain						
LD-03	103	<i>Cocos nucifera</i>	Coconut Palm				Good									Remain						
LD-03	104	<i>Cocos nucifera</i>	Coconut Palm				Good									Remain						
LD-03	105	<i>Cocos nucifera</i>	Coconut Palm				Good									Remain						
LD-03	106	<i>Cocos nucifera</i>	Coconut Palm		25 GW		Good									Relocate					1	
LD-03	107	<i>Cocos nucifera</i>	Coconut Palm		27 GW		Good									Relocate					1	
LD-03	108	<i>Cocos nucifera</i>	Coconut Palm		22 GW		Good									Relocate					1	
LD-03	109	<i>Cocos nucifera</i>	Coconut Palm				Good									Remain						
LD-03	110	<i>Washingtonia robusta</i>	Washington Palm		12 GW		Good								In the way of construction		Remove		1			
LD-03	111	<i>Washingtonia robusta</i>	Washington Palm		24 GW		Good								In the way of construction		Remove		1			
LD-03	112	<i>Washingtonia robusta</i>	Washington Palm		16 GW		Good								In the way of construction		Remove		1			
LD-03	112A	<i>Thespesia populnea</i>	Portia		25-35		N/A								LARGE CLUMP / INVASIVE - No mitigation required		Remove					1
LD-03	112B	<i>Bursera simaruba</i>	Gumbo Limbo				Fair	Co-Dominant Leaders, Included Bark	Growing on Fence		Modify Fence			2		Remain						1
LD-03	112C	<i>Thespesia populnea</i>	Portia		30-40		N/A								LARGE CLUMP / INVASIVE - No mitigation required		Remove					1
LD-03	113	Not used					N/A															
LD-03	114	<i>Cocos nucifera</i>	Coconut Palm				Good									Remain						
LD-03	115	<i>Cocos nucifera</i>	Coconut Palm				Good									Remain						
LD-03	116	<i>Cocos nucifera</i>	Coconut Palm				Good	Utility Line Conflict			Clearance Pruning			1		Remain						
LD-03	117	<i>Cocos nucifera</i>	Coconut Palm				Good									Remain						
LD-03	118	<i>Cocos nucifera</i>	Coconut Palm				Good									Remain						
LD-03	119	<i>Cocos nucifera</i>	Coconut Palm				Good									Remain						
LD-03	120	<i>Cocos nucifera</i>	Coconut Palm		20 GW		Good									Relocate					1	
LD-03	121	<i>Cocos nucifera</i>	Coconut Palm				Good									Remain						
LD-03	122	<i>Cocos nucifera</i>	Coconut Palm				Good									Remain						
LD-03	123	<i>Cocos nucifera</i>	Coconut Palm				Good									Remain						
LD-03	124	<i>Cocos nucifera</i>	Coconut Palm				Good									Remain						
LD-03	125	<i>Cocos nucifera</i>	Coconut Palm				Good									Remain						
LD-03	126	<i>Cocos nucifera</i>	Coconut Palm				Good									Remain						
LD-03	127	<i>Cocos nucifera</i>	Coconut Palm				Good									Remain						
LD-03	128	<i>Cocos nucifera</i>	Coconut Palm				Good									Remain						
LD-03	129	<i>Cocos nucifera</i>	Coconut Palm				Fair	Nutrient Deficiency			Fertilization			3		Remain						
LD-03	130	<i>Cocos nucifera</i>	Coconut Palm				Fair	Nutrient Deficiency			Fertilization			4		Remain						
LD-03	131	<i>Cocos nucifera</i>	Coconut Palm				Good									Remain						
LD-03	132	<i>Cocos nucifera</i>	Coconut Palm				Good									Remain						
LD-03	133	<i>Cocos nucifera</i>	Coconut Palm				Good									Remain						
LD-03	134	<i>Cocos nucifera</i>	Coconut Palm				Good									Remain						
LD-03	135	<i>Cocos nucifera</i>	Coconut Palm				Good									Remain						
LD-03	136	<i>Cocos nucifera</i>	Coconut Palm				Good									Remain						
LD-03	137	<i>Cocos nucifera</i>	Coconut Palm				Good									Remain						
LD-03	138	<i>Cocos nucifera</i>	Coconut Palm				Good									Remain						
LD-03	139	<i>Cocos nucifera</i>	Coconut Palm				Good									Remain						
LD-03	140	<i>Cocos nucifera</i>	Coconut Palm				Good									Remain						
LD-03	141	<i>Cocos nucifera</i>	Coconut Palm		XX GW		Fair	Nutrient Deficiency			Fertilization				FAIR CONDITION -In the way of construction	Relocate					1	
LD-03	142	<i>Cocos nucifera</i>	Coconut Palm		11 GW		Good								FAIR CONDITION -In the way of construction	Relocate					1	
LD-03	143	Not used					N/A															
LD-03	144	<i>Cocos nucifera</i>	Coconut Palm		7 GW		Poor	Nutrient Deficiency							BAD CONDITION		Remove		1			
LD-03	145	<i>Cocos nucifera</i>	Coconut Palm		9 GW		Good/Fair								FAIR CONDITION -In the way of construction	Relocate					1	
LD-03	146	<i>Cocos nucifera</i>	Coconut Palm		13 GW		Good/Fair								FAIR CONDITION -In the way of construction	Relocate					1	
LD-03	147	<i>Cocos nucifera</i>	Coconut Palm		9 GW		Good/Fair								FAIR CONDITION -In the way of construction	Relocate					1	
LD-03	148	<i>Cocos nucifera</i>	Coconut Palm		6 GW		Good/Fair								FAIR CONDITION -In the way of construction	Relocate					1	
LD-03	149	<i>Cocos nucifera</i>	Coconut Palm				Good									Remain						
LD-03	150	<i>Cocos nucifera</i>	Coconut Palm				Fair	Nutrient Deficiency			Fertilization					Remain						
LD-03	151	<i>Cocos nucifera</i>	Coconut Palm				Fair	Nutrient Deficiency			Fertilization					Remain						
LD-03	152	<i>Cocos nucifera</i>	Coconut Palm				Fair	Nutrient Deficiency			Fertilization					Remain						
LD-03	153	<i>Cocos nucifera</i>	Coconut Palm				Fair	Nutrient Deficiency			Fertilization					Remain						
LD-03	154	<i>Cocos nucifera</i>	Coconut Palm				Fair	Nutrient Deficiency			Fertilization					Remain						
LD-03	155	<i>Cocos nucifera</i>	Coconut Palm				Fair	Nutrient Deficiency	Utility Line Conflict		Fertilization	Clearance Pruning				Remain						
LD-03	156	<i>Cocos nucifera</i>	Coconut Palm				Fair	Nutrient Deficiency			Fertilization					Remain						
LD-03	156A	<i>Casuarina equisetifolia</i>	Australian Pine		25-30		N/A								INVASIVE - No mitigation required		Remove					1
LD-03	157	<i>Cocos nucifera</i>	Coconut Palm				Good									Remain						
LD-03	158	<i>Cocos nucifera</i>	Coconut Palm				Good									Remain						
LD-03	159	<i>Cocos nucifera</i>	Coconut Palm				Good									Remain						
LD-03	160	<i>Cocos nucifera</i>	Coconut Palm				Fair	Nutrient Deficiency			Fertilization					Remain						
LD-03	161	<i>Cocos nucifera</i>	Coconut Palm				Fair	Nutrient Deficiency			Fertilization					Remain						
LD-03	162	<i>Cocos nucifera</i>	Coconut Palm		13 GW		Good								FAIR CONDITION -In the way of construction	Relocate					1	
LD-03	163	<i>Cocos nucifera</i>	Coconut Palm		10 GW		Good								FAIR CONDITION -In the way of construction	Relocate					1	
LD-03	164	<i>Cocos nucifera</i>	Coconut Palm		8 GW		Good								FAIR CONDITION -In the way of construction	Relocate					1	
LD-03	165	<i>Cocos nucifera</i>	Coconut Palm		14 GW		Good								FAIR CONDITION -In the way of construction	Relocate					1	
LD-03	166	<i>Cocos nucifera</i>	Coconut Palm		13 GW		Good								FAIR CONDITION -In the way of construction	Relocate					1	
LD-03	167	<i>Cocos nucifera</i>	Coconut Palm		12 GW		Good								FAIR CONDITION -In the way of construction	Relocate					1	
LD-03	168	<i>Cocos nucifera</i>	Coconut Palm		11 GW		Good								FAIR CONDITION -In the way of construction	Relocate					1	
LD-03	169	<i>Cocos nucifera</i>	Coconut Palm		11 GW		Good								FAIR CONDITION -In the way of construction	Relocate					1	
LD-03	170	<i>Cocos nucifera</i>	Coconut Palm		11 GW		Good								FAIR CONDITION -In the way of construction	Relocate					1	
LD-03	171	<i>Cocos nucifera</i>	Coconut Palm		9 GW		Good								FAIR CONDITION -In the way of construction	Relocate					1	
LD-03	172	<i>Cocos nucifera</i>	Coconut Palm		9 GW		Good								FAIR CONDITION -In the way of construction	Relocate					1	
LD-03	173	<i>Cocos nucifera</i>	Coconut Palm		12 GW		Good								FAIR CONDITION -In the way of construction	Relocate					1	

Higgs Beach Park at Atlantic Boulevard

November 28th, 2016 Tree Disposition Table (updated per E Sciences' field assessment on January 5th, 2017)

E SCIENCES' NOTES													Note - columns updated per E Sciences' recommended change to disposition (edits in bold text)									
Sheet No.	Tree #	Botanical Name	Common Name	Caliper (in)	Height (ft)	Spread (ft)	CONDITION	Defect 1	Defect 2	Defect 3	Recommendation 1	Recommendation 2	Comments	Photo # (if applicable)	Condition	Disposition	Canopy Tree-Remove	Native Palms-Remove	Non-Native Palms-Remove-MITIGATE	Canopy-Transplant	Palms-Transplant	Inv/Unreg - Remove
LD-03	174	Cocos nucifera	Coconut Palm		14 GW		Good								FAIR CONDITION -In the way of construction	Relocate					1	
LD-03	175	Cocos nucifera	Coconut Palm		15 GW		Good								FAIR CONDITION -In the way of construction	Relocate					1	
LD-03	176	Cocos nucifera	Coconut Palm		22 GW		Good								FAIR CONDITION-As part of Coconut grouping	Relocate					1	
LD-03	177	Cocos nucifera	Coconut Palm		24 GW		Good								FAIR CONDITION -In the way of construction	Relocate					1	
LD-03	178	Cocos nucifera	Coconut Palm		12, 14 GW		Fair	Nutrient Deficiency			Fertilization				FAIR CONDITION - DOUBLE TRUNK	Relocate					1	
LD-03	179	Casuarina equisetifolia	Australian Pine	3	50	30	N/A								INVASIVE - No mitigation required	Remove						1
LD-03	180	Swietenia mahagoni	Mahogany	8	16	15	Good/Fair	Defoliated (Minor)	Stubs		Fertilization	Crown Cleaning		7	LOSING CANOPY-To be evaluated by a Certified Arb.	Relocate				1		
LD-03	181	Swietenia mahagoni	Mahogany	8	16	12	Good								GOOD	Remain						
	182	Not used					N/A															
	183	Not used					N/A															
LD-03	184	Swietenia mahagoni	Mahogany	10	20	14	Good/Fair	Co Dominant Leaders, Included Bark			Structure Pruning				FAIR CONDITION -In the way of construction	Relocate				1		
LD-03	185	Swietenia mahagoni	Mahogany	4	14	12	Good								REMAINS IF HARDSCAPE IS REVISED	Remain						
LD-03	186	Bursera simaruba	Gumbo Limbo	6	12	8	Poor	Reduced Canopy (Major)							FAIR CONDITION -In the way of construction	Remove	1					
LD-03	187	Terminalia catappa	Tropical Almond	48	60	60	Good	Co Dominant Leaders, Included Bark	Sprouts		Crown Cleaning			8	FAIR CONDITION -In the way of construction	Remain						
LD-03	188	Bursera simaruba	Gumbo Limbo				Fair	Defoliated (Minor)			Fertilization				FAIR CONDITION -In the way of construction	Relocate				1		
LD-03	188A	Cocos nucifera	Coconut Palm				Good									Remain						
LD-04	189	Cocos nucifera	Coconut Palm				Good									Remain						
LD-04	190	Cocos nucifera	Coconut Palm				Good									Remain						
LD-04	191	Coccoloba uvifera	Sea Grape				Good/Fair	Lopsided Canopy	Utility Line Conflict		Structure Pruning	Crown Cleaning				Remain						
LD-04	191A	Coccoloba uvifera	Sea Grape				Good/Fair	Lopsided Canopy	Utility Line Conflict		Structure Pruning	Crown Cleaning				Remain						
LD-04	191B	Coccoloba uvifera	Sea Grape				Good/Fair	Lopsided Canopy	Utility Line Conflict		Structure Pruning	Crown Cleaning				Remain						
LD-04	192	Thespesia populnea	Portia				N/A								LARGE CLUMP / INVASIVE - No mitigation required	Remove						1
LD-04	193	Conocarpus erectus sericeus	Silver Buttonwood				Good									Remain						
LD-04	194	Conocarpus erectus sericeus	Silver Buttonwood				Good									Remain						
LD-04	195	Ptychosperma elegans	Alexander Palm				Fair	Discolored Foliage			Fertilization					Remain						
LD-04	196	Cocos nucifera	Coconut Palm				Good/Fair	Discolored Foliage			Fertilization					Remain						
LD-04	197	Casuarina equisetifolia	Australian Pine				N/A								INVASIVE - No mitigation required	Remove						1
LD-04	198	Thespesia populnea	Portia				N/A								LARGE CLUMP / INVASIVE - No mitigation required	Remove						1
LD-04	199	Conocarpus erectus	Green Buttonwood				Good									Remain						
LD-05	200	Swietenia mahagoni	Mahogany				Good									Remain						
LD-05	200A	Swietenia mahagoni	Mahogany				Good									Remain						
LD-05	200B	Tabebuia sp.	Tabebuia	38	45		Fair	Lopsided Canopy	Sprouting		Structure Pruning	Crown Cleaning		10	FAIR-To be evaluated by a Certified Arb.	Remain						
LD-05	200C	Thespesia populnea	Portia				N/A								LARGE CLUMP / INVASIVE - No mitigation required	Remove						1
LD-05	200D	Thespesia populnea	Portia				N/A								LARGE CLUMP / INVASIVE - No mitigation required	Remove						1
LD-05	200E	Thespesia populnea	Portia				N/A								LARGE CLUMP / INVASIVE - No mitigation required	Remove						1
LD-05	200F	Callistemon citrinus	Bottlebrush	12			Fair	Co Dominant Leaders, Included Bark	Trunk Damage (Moderate)		Structure Pruning					Remain						
LD-05	200G	Conocarpus erectus sericeus	Silver Buttonwood	10			Fair	Poor Structure							BAD STRUCTURE	Remove	1					
LD-05	200H	Cardia sebestena	Orange Geiger	7			Fair	Poor Structure							BAD STRUCTURE	Remove	1					
LD-05	201	Cocos nucifera	Coconut Palm		25 GW		Good								GOOD	Remain						
LD-05	201A	Cocos nucifera	Coconut Palm		25 GW		Good								GOOD	Remain						
LD-05	201B	Washingtonia robusta	Washington Palm		3 GW		N/A								No mitigation required	Remove						1
LD-05	201C	Large shrubs					N/A								No mitigation required	Remove						1
LD-05	202	Cocos nucifera	Coconut Palm		25 GW		Good								GOOD - MINOR TRUNK DAMAGE	Remain						
LD-05	203	Cocos nucifera	Coconut Palm		10		Good								ACCEPTABLE	Remain						
LD-05	204	Cocos nucifera	Coconut Palm		28 GW		Good	Trunk Damage (Minor)							GOOD - MINOR TRUNK DAMAGE	Remain						
LD-05	205	Calophyllum inophyllum	Beauty Leaf	13	26	25	Good								GOOD	Remain						
LD-05	206	Cocos nucifera	Coconut Palm		30 GW		Good								GOOD	Remain						
LD-05	206A	Thespesia populnea	Portia		30-40		N/A								LARGE CLUMP / INVASIVE - No mitigation required	Remove						1
LD-05	206B	Thespesia populnea	Portia		30-40		N/A								LARGE CLUMP / INVASIVE - No mitigation required	Remove						1
LD-05	207	Cocos nucifera	Coconut Palm		30 GW		Good								GOOD	Remain						
LD-05	208	Cocos nucifera	Coconut Palm		25 GW		Good								GOOD	Remain						
LD-05	209	Bursera simaruba	Gumbo Limbo	9	13	14	Poor	Reduced Canopy (Major)	Lopsided					9	FAIR CONDITION - In the way of construction	Remove	1					
LD-05	209A	Thespesia populnea	Portia		30-35		N/A								LARGE CLUMP / INVASIVE - No mitigation required	Remove						1
LD-05	210	Bursera simaruba	Gumbo Limbo				Fair	Discolored Foliage			Fertilization					Remain						
LD-05	211	Thespesia populnea	Portia		30-35		N/A								LARGE CLUMP / INVASIVE - No mitigation required	Remove						1
LD-05	212	Bursera simaruba	Gumbo Limbo	4	7	3	Poor	Reduced Canopy (Major)							BAD STRUCTURE	Remove	1					
LD-05	213	Bursera simaruba	Gumbo Limbo	10	12	8	Good/Fair	Stubs			Crown Cleaning				FAIR CONDITION -In the way of construction	Relocate				1		
LD-05	214	Bursera simaruba	Gumbo Limbo	5	10	9	Poor	Defoliated (Moderate)	Reduced Canopy (Moderate)					11	FAIR CONDITION -In the way of construction	Remove	1					
LD-05	215	Thespesia populnea	Portia		30-40		N/A								LARGE CLUMP / INVASIVE - No mitigation required	Remove						1
LD-05	216	Cocos nucifera	Coconut Palm		20 GW		Good								FAIR CONDITION -In the way of construction	Relocate					1	
LD-05	217	Conocarpus erectus	Green Buttonwood	26	35	35	Poor	Lopsided Canopy	Uprooted (Partially)						LARGE TREE - In the way of construction	Remove	1					
LD-05	218	Cocos nucifera	Coconut Palm		20 GW		Good								FAIR CONDITION -In the way of construction	Relocate					1	
LD-05	219	Cocos nucifera	Coconut Palm		16 GW		Good								FAIR CONDITION -In the way of construction	Relocate					1	
LD-05	220	Cocos nucifera	Coconut Palm	14	30	22	Fair	Trunk Damage (Minor)	Discolored Foliage		Fertilization				TRUNK DAMAGE	Remain						
LD-05	220A	Thespesia populnea	Portia		30-40		N/A								INVASIVE - No mitigation required	Remove						1
LD-05	220B	Thespesia populnea	Portia		30-40		N/A								INVASIVE - No mitigation required	Remove						1
LD-05	220C	Thespesia populnea	Portia		30-40		N/A								INVASIVE - No mitigation required	Remove						1
LD-05	221	Cocos nucifera	Coconut Palm		30		Good/Fair	Discolored Foliage			Fertilization				ACCEPTABLE	Remain						
LD-05	222	Cocos nucifera	Coconut Palm		30		Good/Fair	Discolored Foliage			Fertilization				GOOD	Remain						
LD-05	223	Cocos nucifera	Coconut Palm		33		Good/Fair	Discolored Foliage			Fertilization				GOOD	Remain						
LD-05	224	Cocos nucifera	Coconut Palm		33		Good/Fair	Discolored Foliage			Fertilization				GOOD	Remain						
LD-05	225	Cocos nucifera	Coconut Palm		27		Good/Fair	Discolored Foliage			Fertilization				DAMAGED TRUNK - ACCEPTABLE	Remain						
LD-05	226	Cocos nucifera	Coconut Palm		21		Good/Fair	Discolored Foliage			Fertilization				ACCEPTABLE	Remain						
LD-05	227	Cocos nucifera	Coconut Palm		30		Good/Fair	Discolored Foliage			Fertilization				ACCEPTABLE	Remain						
LD-05	228	Cocos nucifera	Coconut Palm		30		Good/Fair	Discolored Foliage			Fertilization				ACCEPTABLE	Remain						
LD-05	229	Conocarpus erectus	Green Buttonwood	30	35	35	Poor	Trunk Damage (Major)	Limb Damage (Major)					12	STRUCTURAL ISSUES	Remove	1					
LD-05	230	Conocarpus erectus	Green Buttonwood	54	30	50	Good/Fair	Stubs			Crown Cleaning				ACCEPTABLE	Remain						
LD-05	231	Cocos nucifera	Coconut Palm		40		Good/Fair	Discolored Foliage			Fertilization				GOOD	Remain						

Higgs Beach Park at Atlantic Boulevard

November 28th, 2016 Tree Disposition Table (updated per E Sciences' field assessment on January 5th, 2017)

E SCIENCES' NOTES														Note - columns updated per E Sciences' recommended change to disposition (edits in bold text)								
Sheet No.	Tree #	Botanical Name	Common Name	Caliper (in)	Height (ft)	Spread (ft)	CONDITION	Defect 1	Defect 2	Defect 3	Recommendation 1	Recommendation 2	Comments	Photo # (if applicable)	Condition	Disposition	Canopy Tree-Remove	Native Palms-Remove	Non-Native Palms-Remove-MITIGATE	Canopy-Transplant	Palms-Transplant	Inv/Unreg - Remove
LD-05	232	<i>Cocos nucifera</i>	Coconut Palm		20		Good/Fair	Discolored Foliage			Fertilization				ACCEPTABLE	Remain						
LD-05	233	<i>Cocos nucifera</i>	Coconut Palm		21		Good/Fair	Discolored Foliage			Fertilization				ACCEPTABLE	Remain						
LD-05	234	<i>Cocos nucifera</i>	Coconut Palm		25		Good/Fair	Discolored Foliage			Fertilization				ACCEPTABLE	Remain						
LD-05	235	<i>Cocos nucifera</i>	Coconut Palm		28		Good/Fair	Discolored Foliage			Fertilization				ACCEPTABLE	Remain						
LD-05	236	<i>Cocos nucifera</i>	Coconut Palm		30		Good/Fair	Discolored Foliage			Fertilization				ACCEPTABLE	Remain						
LD-05	236A	<i>Cocos nucifera</i>	Coconut Palm				Good/Fair	Discolored Foliage			Fertilization				ACCEPTABLE	Remain						
LD-05	237	<i>Cocos nucifera</i>	Coconut Palm		25		Good/Fair	Discolored Foliage			Fertilization				ACCEPTABLE	Remain						
LD-05	238	<i>Cocos nucifera</i>	Coconut Palm		17		Good/Fair	Discolored Foliage			Fertilization				ACCEPTABLE	Remain						
LD-05	238A	<i>Cocos nucifera</i>	Coconut Palm				Good/Fair	Discolored Foliage			Fertilization				DOUBLE TRUNK - BOTH ACCEPTABLE	Remain						
LD-05	239	<i>Conocarpus erectus</i>	Green Buttonwood	60	30	40	Poor	Low Multi-Trunk	Stubs		Crown Cleaning				POOR - STRUCTURAL ISSUES	Remain						
LD-05	240	<i>Cocos nucifera</i>	Coconut Palm		30		Good/Fair	Discolored Foliage			Fertilization				ACCEPTABLE	Remain						
LD-05	241	<i>Cocos nucifera</i>	Coconut Palm				Good/Fair	Discolored Foliage			Fertilization				SMALL	Remain						
LD-05	242	<i>Cocos nucifera</i>	Coconut Palm		26		Good/Fair	Discolored Foliage			Fertilization				ACCEPTABLE	Remain						
LD-05	243	<i>Cocos nucifera</i>	Coconut Palm		18		Good/Fair	Discolored Foliage			Fertilization				GOOD	Remain						
LD-05	244	<i>Coccoloba uvifera</i>	Sea Grape				Good/Fair	Low Multi-Trunk							Remain							
LD-05	245	<i>Cocos nucifera</i>	Coconut Palm		24		Good/Fair	Discolored Foliage			Fertilization				ACCEPTABLE	Remain						
LD-05	246	<i>Cocos nucifera</i>	Coconut Palm		24		Good/Fair	Discolored Foliage			Fertilization				GOOD	Remain						
LD-05	247	<i>Thespesia populnea</i>	Portia				N/A								INVASIVE - No mitigation required	Remove						1
LD-05	247A	<i>Cocos nucifera</i>	Coconut Palm				Good/Fair	Discolored Foliage			Fertilization				Remain							
LD-05	248	<i>Cocos nucifera</i>	Coconut Palm		13		Good								GOOD	Remain						
LD-05	249	<i>Cocos nucifera</i>	Coconut Palm		12 & 4		Good								DOUBLE TRUNK - BOTH ACCEPTABLE	Remain						
LD-05	250	<i>Cocos nucifera</i>	Coconut Palm		3		Fair	Discolored Foliage			Fertilization				ACCEPTABLE	Remain						
LD-05	251	<i>Cocos nucifera</i>	Coconut Palm		18		Good								GOOD	Remain						
LD-05	252	<i>Conocarpus erectus</i>	Green Buttonwood	28	40	50	Fair	Stubs			Crown Cleaning				ACCEPTABLE	Remain						
LD-05	253	<i>Cocos nucifera</i>	Coconut Palm		14		Good								GOOD	Remain						
LD-05	254	<i>Cocos nucifera</i>	Coconut Palm		18		Fair	Discolored Foliage			Fertilization				GOOD	Remain						
LD-05	255	<i>Cocos nucifera</i>	Coconut Palm		16		Fair	Discolored Foliage			Fertilization				GOOD	Remain						
LD-05	256	<i>Cocos nucifera</i>	Coconut Palm		21		Fair	Discolored Foliage	Utility Line Conflict		Fertilization	Clearance Pruning			GOOD - ADJACENT UTILITY POLE	Remain						
LD-05	257	<i>Cocos nucifera</i>	Coconut Palm		9		Fair	Discolored Foliage			Fertilization				GOOD	Remain						
LD-05	258	<i>Cocos nucifera</i>	Coconut Palm		14		Fair	Discolored Foliage			Fertilization				GOOD	Remain						
LD-05	259	<i>Cocos nucifera</i>	Coconut Palm				Good/Fair	Discolored Foliage			Fertilization				GOOD	Remain						
LD-05	260	<i>Cocos nucifera</i>	Coconut Palm				Good/Fair	Discolored Foliage			Fertilization				TRIPLE TRUNK - GOOD	Remain						
LD-05	261	<i>Cocos nucifera</i>	Coconut Palm				Good/Fair	Discolored Foliage			Fertilization				ACCEPTABLE	Remain						
LD-05	262	<i>Cocos nucifera</i>	Coconut Palm				Good/Fair	Discolored Foliage			Fertilization				ACCEPTABLE	Remain						
LD-05	263	<i>Cocos nucifera</i>	Coconut Palm				Good/Fair	Discolored Foliage			Fertilization				Remain							
LD-05	264	<i>Cocos nucifera</i>	Coconut Palm				Good/Fair	Discolored Foliage			Fertilization				ACCEPTABLE	Remain						
LD-05	265	<i>Cocos nucifera</i>	Coconut Palm				Good/Fair	Discolored Foliage			Fertilization				ACCEPTABLE	Remain						
LD-05	266	<i>Cocos nucifera</i>	Coconut Palm				Good/Fair	Discolored Foliage			Fertilization				ACCEPTABLE	Remain						
LD-05	267	<i>Cocos nucifera</i>	Coconut Palm				Good/Fair	Discolored Foliage			Fertilization				ACCEPTABLE	Remain						
LD-05	267A	<i>Cocos nucifera</i>	Coconut Palm				Good/Fair	Discolored Foliage			Fertilization				Remain							
LD-05	268	<i>Cocos nucifera</i>	Coconut Palm				Good/Fair	Discolored Foliage			Fertilization				ACCEPTABLE	Remain						
LD-05	269	<i>Washingtonia robusta</i>	Washington Palm	16	38	14	Good								In the way of construction	Remove			1			
LD-05	270	<i>Conocarpus erectus</i>	Green Buttonwood	50	45	45	Good/Fair	Stubs	Utility Line Conflict		Crown Cleaning	Clearance Pruning		13	GOOD	Remain						
LD-05	271	<i>Conocarpus erectus</i>	Green Buttonwood	70	45	55	Good						Good Condition - Retain if Possible	14	LARGE TREE - In the way of construction	Remain						
LD-05	272	<i>Cocos nucifera</i>	Coconut Palm		9		Good								GOOD	Remain						
LD-05	273	<i>Cocos nucifera</i>	Coconut Palm		18		Good								GOOD	Remain						
LD-05	274	<i>Cocos nucifera</i>	Coconut Palm		11		Good								ACCEPTABLE	Remain						
LD-05	275	<i>Cocos nucifera</i>	Coconut Palm		6		Good								GOOD	Remain						
LD-05	276	<i>Cocos nucifera</i>	Coconut Palm		7		Good								GOOD	Remain						
LD-05	277	<i>Cocos nucifera</i>	Coconut Palm		13		Good								GOOD	Remain						
LD-05	277A	<i>Guaiaacum sanctum</i>	Lignum vitae		5		Good								GOOD	Remain						
LD-05	277B	<i>Guaiaacum sanctum</i>	Lignum vitae		5		Good								GOOD	Remain						
LD-05	278	<i>Cocos nucifera</i>	Coconut Palm		22		Good								GOOD	Remain						
LD-05	279	<i>Cocos nucifera</i>	Coconut Palm		12		Good								GOOD	Remain						
LD-05	280	<i>Cocos nucifera</i>	Coconut Palm		13		Good								GOOD	Remain						
LD-05	281	<i>Cocos nucifera</i>	Coconut Palm		11 & 12		Good								DOUBLE TRUNK - BOTH GOOD	Remain						
LD-05	282	<i>Cocos nucifera</i>	Coconut Palm		14		Good								GOOD	Remain						
LD-05	283	<i>Cocos nucifera</i>	Coconut Palm		20		Good								GOOD	Remain						
LD-05	284	<i>Cocos nucifera</i>	Coconut Palm		15		Good	Utility Line Conflict			Clearance Pruning				GOOD - OVERHEAD UTILITY	Remain						
LD-05	285	<i>Cocos nucifera</i>	Coconut Palm		15		Good	Utility Line Conflict			Clearance Pruning				ACCEPTABLE - OVERHEAD UTILITY	Remain						
LD-05	286	<i>Swietenia mahagoni</i>	Mahogany				Good/Fair	Lopsided Canopy			Structure Pruning				Remain							
LD-05	286B	<i>Swietenia mahagoni</i>	Mahogany				N/A						NOT ON MAP		Remain							
LD-05	287	<i>Cocos nucifera</i>	Coconut Palm		12 to 40		Good								ACCEPTABLE	Remain						
LD-05	288	<i>Cocos nucifera</i>	Coconut Palm		12 to 40		Good								ACCEPTABLE	Remain						
LD-05	289	<i>Cocos nucifera</i>	Coconut Palm		12 to 40		Good								ACCEPTABLE	Remain						
LD-05	290	<i>Swietenia mahagoni</i>	Mahogany				Good/Fair	Lopsided Canopy			Structure Pruning				Remain							
LD-05	291	<i>Cocos nucifera</i>	Coconut Palm		12 to 40		Good								ACCEPTABLE	Remain						
LD-05	292	<i>Cocos nucifera</i>	Coconut Palm		12 to 40		Good								ACCEPTABLE	Remain						
LD-05	293	<i>Cocos nucifera</i>	Coconut Palm		12 to 40		Good								ACCEPTABLE	Remain						
LD-05	294	<i>Cocos nucifera</i>	Coconut Palm		12 to 40		Good								ACCEPTABLE	Remain						
LD-05	295	<i>Cocos nucifera</i>	Coconut Palm		12 to 40		Good								ACCEPTABLE	Remain						
LD-05	296	<i>Cocos nucifera</i>	Coconut Palm		12 to 40		Good								ACCEPTABLE	Remain						
LD-05	297	<i>Cocos nucifera</i>	Coconut Palm		12 to 40		Good								ACCEPTABLE	Remain						
LD-05	298	<i>Cocos nucifera</i>	Coconut Palm		12 to 40		Good								ACCEPTABLE	Remain						
LD-05	299	<i>Swietenia mahagoni</i>	Mahogany				Good								Remain							
LD-05	300	<i>Ficus aurea</i>	Strangler Fig				Good/Fair	Co Dominant Leaders, Included Bark	Stubs		Structure Pruning	Crown Cleaning	Tree Name Changed		Remain							
LD-05	301	<i>Cocos nucifera</i>	Coconut Palm		12 to 40		Good								ACCEPTABLE	Remain						
LD-05	302	<i>Cocos nucifera</i>	Coconut Palm		12 to 40		Good								ACCEPTABLE	Remain						

Higgs Beach Park at Atlantic Boulevard

November 28th, 2016 Tree Disposition Table (updated per E Sciences' field assessment on January 5th, 2017)

														<i>E SCIENCES' NOTES</i>										<i>Note - columns updated per E Sciences' recommended change to disposition (edits in bold text)</i>						
Sheet No.	Tree #	Botanical Name	Common Name	Caliper (in)	Height (ft)	Spread (ft)	CONDITION	Defect 1	Defect 2	Defect 3	Recommendation 1	Recommendation 2	Comments	Photo # (if applicable)	Condition	Disposition	Canopy Tree-Remove	Native Palms-Remove	Non-Native Palms-Remove-MITIGATE	Canopy-Transplant	Palms-Transplant	Inv/Unreg - Remove								
LD-05	303	<i>Cocos nucifera</i>	Coconut Palm		12 to 40		Good								ACCEPTABLE	Remain														
LD-05	304	<i>Cocos nucifera</i>	Coconut Palm		12 to 40		Good								ACCEPTABLE	Remain														
LD-05	305	<i>Bursera simaruba</i>	Gumbo Limbo	16	18	14	Fair	Low Multi-Trunk							ACCEPTABLE - POOR STRUCTURE	Remain														
LD-05	306	<i>Bursera simaruba</i>	Gumbo Limbo				Fair	Low Multi-Trunk	Stubs	Reduced Canopy (Moderate)	Crown Cleaning					Remain														
LD-05	307	<i>Washingtonia robusta</i>	Washington Palm	16	42	10	Good/Fair	Reduced Canopy (Minor)							In the way of construction	Remove			1											
LD-05	308	<i>Bursera simaruba</i>	Gumbo Limbo				Fair	Discolored Foliage	Reduced Canopy (Moderate)		Fertilization					Remain														
LD-05	309	<i>Cocos nucifera</i>	Coconut Palm		30		Good								GOOD	Remain														
LD-05	310	<i>Washingtonia robusta</i>	Washington Palm	16	42	12	Good								In the way of construction	Remove			1											
LD-05	311	<i>Adonidia merrilli</i>	Christmas Palm		8 to 13		Good								FAIR	Remain														
LD-05	312	<i>Adonidia merrilli</i>	Christmas Palm		8 to 13		Good								FAIR	Remain														
LD-05	313	<i>Adonidia merrilli</i>	Christmas Palm		8 to 13		Good								FAIR	Remain														
LD-05	314	<i>Adonidia merrilli</i>	Christmas Palm		8 to 13		Good								FAIR	Remain														
LD-05	315	<i>Adonidia merrilli</i>	Christmas Palm		8 to 13		Good								FAIR	Remain														
LD-05	316	<i>Adonidia merrilli</i>	Christmas Palm		8 to 13		Good								FAIR	Remain														
LD-05	317	<i>Adonidia merrilli</i>	Christmas Palm		8 to 13		Good								FAIR	Remain														
LD-05	318	<i>Adonidia merrilli</i>	Christmas Palm		8 to 13		Good								FAIR	Remain														
LD-05	319	<i>Adonidia merrilli</i>	Christmas Palm		8 to 13		Good								FAIR	Remain														
LD-05	320	<i>Adonidia merrilli</i>	Christmas Palm		8 to 13		Good								FAIR	Remain														
LD-05	321	<i>Cocos nucifera</i>	Coconut Palm		13		Fair	Discolored Foliage			Fertilization				ACCEPTABLE	Remain														
LD-05	322	<i>Bursera simaruba</i>	Gumbo Limbo	17	18	23	Good	Utility Lines Above			Future Clearance Pruning				GOOD	Remain														
LD-05	323	<i>Cocos nucifera</i>	Coconut Palm		16		Fair	Discolored Foliage			Fertilization				GOOD	Remain														
LD-05	324	<i>Cocos nucifera</i>	Coconut Palm		8		Good								GOOD	Remain														
LD-05	325	<i>Cocos nucifera</i>	Coconut Palm		20		Good								GOOD	Remain														
LD-05	326	<i>Cocos nucifera</i>	Coconut Palm		17		Good								GOOD	Remain														
LD-05	327	<i>Cocos nucifera</i>	Coconut Palm		12		Good								GOOD	Remain														
LD-05	328	<i>Cocos nucifera</i>	Coconut Palm				Good								GOOD	Remain														
LD-05	329	<i>Cocos nucifera</i>	Coconut Palm		9		Good								GOOD	Remain														
LD-05	330	<i>Adonidia merrilli</i>	Christmas Palm	2	7	4	Fair	Trunk Damage (Moderate)							POOR STRUCTURE AT BASE OF TRUNK	Remain														
LD-05	331	<i>Cocos nucifera</i>	Coconut Palm		13		Good								GOOD	Remain														
LD-05	332	<i>Cocos nucifera</i>	Coconut Palm		22		Fair	Discolored Foliage			Fertilization				GOOD	Remain														
LD-05	333	<i>Cocos nucifera</i>	Coconut Palm		11		Fair	Discolored Foliage			Fertilization				ACCEPTABLE	Remain														
LD-05	334	<i>Cocos nucifera</i>	Coconut Palm		7		Fair	Discolored Foliage			Fertilization				GOOD	Remain														
LD-05	335	<i>Cocos nucifera</i>	Coconut Palm		14		Fair	Discolored Foliage			Fertilization				GOOD	Remain														
LD-05	336	<i>Cocos nucifera</i>	Coconut Palm		13		Fair	Discolored Foliage			Fertilization				GOOD	Remain														
LD-05	337	<i>Cocos nucifera</i>	Coconut Palm		25		Fair	Discolored Foliage			Fertilization				GOOD	Remain														
LD-05	338	<i>Conocarpus erectus sericeus</i>	Silver Buttonwood	14	15	15	Fair	Lopsided Canopy			Structure Pruning				ACCEPTABLE	Remain														
LD-05	339	<i>Conocarpus erectus sericeus</i>	Silver Buttonwood	12	25	28	Fair	Low Multi-Trunk			Structure Pruning				ACCEPTABLE	Remain														
LD-05	340	<i>Cocos nucifera</i>	Coconut Palm		11		Fair	Discolored Foliage			Fertilization				GOOD	Remain														
LD-05	341	<i>Cocos nucifera</i>	Coconut Palm		12		Fair	Discolored Foliage			Fertilization				GOOD	Remain														
LD-05	342	<i>Cocos nucifera</i>	Coconut Palm		12		Fair	Discolored Foliage			Fertilization				GOOD	Remain														
LD-05	343	<i>Cocos nucifera</i>	Coconut Palm		5		Fair	Discolored Foliage			Fertilization				ACCEPTABLE	Remain														
LD-05	344	<i>Cocos nucifera</i>	Coconut Palm				Good									Remain														
LD-05	345	<i>Cocos nucifera</i>	Coconut Palm				Good/Fair	Discolored Foliage			Fertilization					Remain														
LD-05	346	<i>Cocos nucifera</i>	Coconut Palm				Good									Remain														
LD-05	347	<i>Cocos nucifera</i>	Coconut Palm				Good									Remain														
LD-05	348	<i>Cocos nucifera</i>	Coconut Palm				Good									Remain														
LD-05	349	<i>Cocos nucifera</i>	Coconut Palm				Good									Remain														
LD-05	350	<i>Cocos nucifera</i>	Coconut Palm				Good									Remain														
LD-05	351	<i>Cocos nucifera</i>	Coconut Palm				Good									Remain														
LD-05	352	<i>Cocos nucifera</i>	Coconut Palm				Good									Remain														
LD-05	353	<i>Cocos nucifera</i>	Coconut Palm				Good									Remain														
LD-05	354	<i>Cocos nucifera</i>	Coconut Palm				Good									Remain														
LD-05	355	<i>Cocos nucifera</i>	Coconut Palm				Good									Remain														
LD-05	356	<i>Cocos nucifera</i>	Coconut Palm				Good									Remain														
LD-05	357	<i>Cocos nucifera</i>	Coconut Palm				Good									Remain														
LD-05	358	<i>Cocos nucifera</i>	Coconut Palm				Good									Remain														
LD-05	359	<i>Cocos nucifera</i>	Coconut Palm				Good	Utility Line Conflict			Clearance Pruning					Remain														
LD-05	360	<i>Cocos nucifera</i>	Coconut Palm				Good									Remain														
LD-06	361	<i>Cocos nucifera</i>	Coconut Palm				Good									Remain														
LD-06	362	<i>Cocos nucifera</i>	Coconut Palm				Good									Remain														
LD-06	363	<i>Cocos nucifera</i>	Coconut Palm				Good									Remain														
LD-06	364	<i>Cocos nucifera</i>	Coconut Palm				Good									Remain														
LD-06	364A	<i>Tabebuia caraiba</i>	Yellow Tabebuia				N/A							NOT ON MAP		Remain														
LD-06	365	<i>Cocos nucifera</i>	Coconut Palm				Good									Remain														
LD-06	366	<i>Cocos nucifera</i>	Coconut Palm				Good									Remain														
LD-06	367	<i>Cocos nucifera</i>	Coconut Palm				Good									Remain														
LD-06	368	<i>Cocos nucifera</i>	Coconut Palm				Good									Remain														
LD-06	369	<i>Cocos nucifera</i>	Coconut Palm		9 GW		Good								FAIR CONDITION - in the way of construction	Relocate					1									
LD-06	370	<i>Cocos nucifera</i>	Coconut Palm		11 GW		Good								FAIR CONDITION - in the way of construction	Relocate					1									
LD-06	371	<i>Cocos nucifera</i>	Coconut Palm		12 GW		Good								FAIR CONDITION - in the way of construction	Relocate					1									
LD-06	372	<i>Cocos nucifera</i>	Coconut Palm		13 GW		Good								FAIR CONDITION - in the way of construction	Relocate					1									
LD-06	373	<i>Cocos nucifera</i>	Coconut Palm		12 GW		Good								FAIR CONDITION - in the way of construction	Relocate					1									
LD-06	374	<i>Cocos nucifera</i>	Coconut Palm		12 GW		Good								FAIR CONDITION - in the way of construction	Relocate					1									
LD-06	375	<i>Cocos nucifera</i>	Coconut Palm		11 GW		Good								FAIR CONDITION - in the way of construction	Relocate					1									
LD-06	376	<i>Conocarpus erectus</i>	Green Buttonwood				Good									Remain														
LD-06	377	<i>Conocarpus erectus</i>	Green Buttonwood				Fair	Lopsided Canopy			Structure Pruning					Remain														
LD-06	378	<i>Conocarpus erectus</i>	Green Buttonwood				Good									Remain														
LD-06	378A	<i>Piscidia piscipula</i>	Jamaica Dogwood				Good				Remove Support		ADDED SPECIES NAME	19	Remain															

Higgs Beach Park at Atlantic Boulevard

November 28th, 2016 Tree Disposition Table (updated per E Sciences' field assessment on January 5th, 2017)

E SCIENCES' NOTES													Note - columns updated per E Sciences' recommended change to disposition (edits in bold text)										
Sheet No.	Tree #	Botanical Name	Common Name	Caliper (in)	Height (ft)	Spread (ft)	CONDITION	Defect 1	Defect 2	Defect 3	Recommendation 1	Recommendation 2	Comments	Photo # (if applicable)	Condition	Disposition	Canopy Tree-Remove	Native Palms-Remove	Non-Native Palms-Remove-MITIGATE	Canopy-Transplant	Palms-Transplant	Inv/Unreg - Remove	
LD-06	378B	Conocarpus erectus	Green Buttonwood				Good						NOT ON MAP - SEE MAP MARK UP	20		Remain							
LD-06	379	Casuarina equisetifolia	Australian Pine				N/A								INVASIVE - No mitigation required		Remove						1
LD-06	380	Casuarina equisetifolia	Australian Pine				N/A								INVASIVE - No mitigation required		Remove						1
LD-06	381	Cocos nucifera	Coconut Palm				Good									Remain							
LD-06	382	Thrinax radiata	Florida Thatch Palm				Good								Quadruple trunk - GOOD	Remain							
LD-06	383	Thrinax radiata	Florida Thatch Palm				Good								GOOD	Remain							
LD-06	384	Thrinax radiata	Florida Thatch Palm				N/A								GOOD	Remain							
LD-06	385	Thrinax radiata	Florida Thatch Palm				Good								GOOD	Remain							
LD-06	386	Thrinax radiata	Florida Thatch Palm				Good								GOOD	Remain							
LD-06	387	Leucothrinax morrisii	Key Thatch Palm				Good								GOOD	Remain							
LD-06	388	Not used					N/A									Remain							
LD-06	389	Not used					N/A									Remain							
LD-06	390	Not used					N/A									Remain							
LD-06	391	Not used					N/A									Remain							
LD-06	392	Washingtonia robusta	Washington Palm		35		Good								In the way of construction		Remove						
LD-06	393	Washingtonia robusta	Washington Palm		15		Good								In the way of construction		Remove						
LD-06	394	Casuarina equisetifolia	Australian Pine		65		N/A								INVASIVE - In the way of construction		Remove						1
LD-06	395	Cocos nucifera	Coconut Palm		15 GW		Fair	Discolored Foliage			Fertilization				FAIR CONDITION -In the way of construction	Relocate						1	
LD-06	396	Conocarpus erectus	Green Buttonwood	42	55	50	Fair	Lopsided Canopy							LARGE TREE - In the way of construction	Remove	1						
LD-06	397	Conocarpus erectus	Green Buttonwood	24	30	32	Good								LARGE TREE - In the way of construction	Remove	1						
LD-06	398	Cocos nucifera	Coconut Palm		18 GW		Good								FAIR CONDITION -In the way of construction	Relocate						1	
LD-06	399	Cocos nucifera	Coconut Palm		15 GW		Good								FAIR CONDITION -In the way of construction	Relocate						1	
LD-06	400	Conocarpus erectus	Green Buttonwood	25	30	40	Good							Keep if Possible (Good Condition)	17	LARGE TREE - In the way of construction	Remain						
LD-06	401	Cocos nucifera	Coconut Palm		12 GW		Fair	Discolored Foliage			Fertilization				FAIR CONDITION -In the way of construction	Relocate						1	
LD-06	402	Cocos nucifera	Coconut Palm		18 GW		Fair	Discolored Foliage			Fertilization				FAIR CONDITION -In the way of construction	Relocate						1	
LD-06	403	Conocarpus erectus	Green Buttonwood	36	37	50	Good							Keep if Possible (Good Condition)	18	LARGE TREE - In the way of construction	Remain						
LD-06	404	Thespesia populnea	Portia		35		N/A								LARGE CLUMP / INVASIVE - No mitigation required		Remove						1
LD-06	405	Cocos nucifera	Coconut Palm		16 - 18		Good								GOOD	Remain							
LD-06	406	Cocos nucifera	Coconut Palm		16 - 18		Good								GOOD	Remain							
LD-06	407	Bursera simaruba	Gumbo Limbo		25		Good/Fair	Trunk Damage (Minor)			Cavities				GOOD	Remain							
LD-06	408	Cocos nucifera	Coconut Palm		16 - 18		Good								GOOD	Remain							
LD-06	409	Swietenia mahagoni	Mahogany	13	24	28	Good/Fair	Lopsided Canopy							LARGE TREE - In the way of construction	Remove	1						
LD-06	410	Cocos nucifera	Coconut Palm		12 GW		Good								FAIR CONDITION -In the way of construction	Relocate						1	
LD-06	411	Cocos nucifera	Coconut Palm		16 - 18		Good								Switched to "Relocate" per map	16	GOOD					1	
LD-06	412	Cocos nucifera	Coconut Palm		16 - 18 GW		Good								FAIR CONDITION -In the way of construction	Relocate						1	
LD-06	413	Swietenia mahagoni	Mahogany	16	35	50	Good	Stubs			Dead Wood		Crown Cleaning		15	FAIR CONDITION -In the way of construction	Remain						
LD-06	414	Not used					N/A																
LD-06	415	Not used					N/A																
LD-06	416	Not used					N/A																
LD-06	417	Not used					N/A																
LD-06	418	Not used					N/A																
LD-06	419	Not used					N/A																
LD-06	420	Washingtonia robusta	Washington Palm	14	20 GW	6	Fair	Discolored Foliage							In the way of construction		Remove						1
LD-06	420A	Bursera simaruba	Gumbo Limbo	14	20	24	Fair	Growing Under Wall							In the way of construction - Wall/Root issues		Remove	1					
LD-06	420B	Swietenia mahagoni	Mahogany	18	38	33	Good/Fair	Lopsided Canopy				Structure Pruning			REMAINS IF LAYOUT IS REVISED-TWO PARKING SPACES	Remain							
LD-06	420C	Swietenia mahagoni	Mahogany	9	20	16	Poor	Trunk Damage (Major)			Decay				STRUCTURAL ISSUES - In the way of construction		Remove	1					
LD-06	420D	Washingtonia robusta	Washington Palm				Good								In the way of construction		Remove						1
LD-06	421	Cocos nucifera	Coconut Palm		22 GW		Good								FAIR CONDITION	Remain							
LD-06	421A	Bursera simaruba	Gumbo Limbo	2	10	10	Fair	Lopsided Canopy				Structure Pruning			FAIR CONDITION	Remain							
LD-06	421B	Cocos nucifera	Coconut Palm		25 GW		Good								FAIR CONDITION	Remain							
LD-06	421C	Cocos nucifera	Coconut Palm		18 GW		Good								FAIR CONDITION	Remain							
LD-06	421D	Cocos nucifera	Coconut Palm		20 GW		Good								FAIR CONDITION	Remain							
LD-06	421E	Bursera simaruba	Gumbo Limbo	1	7	7	Fair	Lopsided Canopy				Structure Pruning			FAIR CONDITION	Remain							
LD-06	422	Cocos nucifera	Coconut Palm		20 GW		Good								FAIR CONDITION -In the way of construction	Relocate						1	
LD-06	423	Cocos nucifera	Coconut Palm		20 GW		Good								FAIR CONDITION -In the way of construction	Relocate						1	
LD-06	424	Cocos nucifera	Coconut Palm		20 GW		Good								FAIR CONDITION -In the way of construction	Relocate						1	
LD-06	425	Cocos nucifera	Coconut Palm		22 GW		Good								FAIR CONDITION -In the way of construction	Relocate						1	
LD-06	426	Cocos nucifera	Coconut Palm		12 GW		Good								FAIR CONDITION -In the way of construction	Relocate						1	
LD-06	427	Cocos nucifera	Coconut Palm		20 GW		Good								FAIR CONDITION -In the way of construction	Relocate						1	
LD-06	428	Cocos nucifera	Coconut Palm		20 GW		Good								FAIR CONDITION -In the way of construction	Relocate						1	
LD-06	429	Cocos nucifera	Coconut Palm		18 GW		Good								FAIR CONDITION -In the way of construction	Relocate						1	
LD-06	430	Cocos nucifera	Coconut Palm		20 GW		Good								FAIR CONDITION -In the way of construction	Relocate						1	
LD-06	431	Cocos nucifera	Coconut Palm		23 GW		Good								FAIR CONDITION -In the way of construction	Relocate						1	
LD-06	432	Cocos nucifera	Coconut Palm		22 GW		Good								FAIR CONDITION -In the way of construction	Relocate						1	
LD-06	433	Cocos nucifera	Coconut Palm		15 GW		Good								FAIR CONDITION -In the way of construction	Relocate						1	
LD-06	434	Cocos nucifera	Coconut Palm		16 GW		Good								FAIR CONDITION -In the way of construction	Relocate						1	
LD-06	435	Cocos nucifera	Coconut Palm		8, 5, 15 GW		Good								3-TRUNK/FAIR CONDITION -In the way of construction	Relocate						1	
LD-06	436	Cocos nucifera	Coconut Palm		19 GW		Good								FAIR CONDITION -In the way of construction	Relocate						1	
LD-06	437	Cocos nucifera	Coconut Palm		18 GW		Good								FAIR CONDITION -In the way of construction	Relocate						1	
LD-06	438	Cocos nucifera	Coconut Palm		20 GW		Good								FAIR CONDITION -In the way of construction	Relocate						1	
LD-06	439	Cocos nucifera	Coconut Palm		10 GW		Good								FAIR CONDITION -In the way of construction	Relocate						1	
LD-06	440	Cocos nucifera	Coconut Palm		13 GW		Good								FAIR CONDITION -In the way of construction	Relocate						1	
LD-06	441	Cocos nucifera	Coconut Palm		12 GW		Good								FAIR CONDITION -In the way of construction	Relocate						1	
LD-06	442	Cocos nucifera	Coconut Palm																				

Higgs Beach Park at Atlantic Boulevard

November 28th, 2016 Tree Disposition Table (updated per E Sciences' field assessment on January 5th, 2017)

Sheet No.	Tree #	Botanical Name	Common Name	Caliper (in)	Height (ft)	Spread (ft)	E SCIENCES' NOTES						Photo # (if applicable)	Condition	Note - columns updated per E Sciences' recommended change to disposition (edits in bold text)									
							CONDITION	Defect 1	Defect 2	Defect 3	Recommendation 1	Recommendation 2			Comments	Disposition	Canopy Tree-Remove	Native Palms-Remove	Non-Native Palms-Remove-MITIGATE	Canopy-Transplant	Palms-Transplant	Inv/Unreg - Remove		
LD-06	447	<i>Cocos nucifera</i>	Coconut Palm		12	GW	Good							FAIR CONDITION -In the way of construction	Relocate							1		
LD-06	448	<i>Cocos nucifera</i>	Coconut Palm		10	GW	Good							FAIR CONDITION -In the way of construction	Relocate								1	
LD-06	449	<i>Cocos nucifera</i>	Coconut Palm		20	GW	Good							FAIR CONDITION -In the way of construction	Relocate								1	
LD-06	450	Not used					N/A																	
LD-06	451	Not used					N/A																	
LD-06	452	Not used					N/A																	
LD-06	453	Not used					N/A																	
LD-06	454	Not used					N/A																	
LD-06	455	<i>Cocos nucifera</i>	Coconut Palm				Good																	
LD-06	456	<i>Cocos nucifera</i>	Coconut Palm				Good																	
LD-06	457	<i>Cocos nucifera</i>	Coconut Palm				Good																	
LD-06	458	<i>Cocos nucifera</i>	Coconut Palm				Good																	
LD-06	459	<i>Cocos nucifera</i>	Coconut Palm				Good	Utility Line Conflict			Clearance Pruning													
LD-06	460	<i>Terminalia catappa</i>	Tropical Almond	4	12		Good/Fair	Co-Dominant Leaders, Included Bark						No mitigation required	Remove									1
LD-06	461	<i>Conocarpus erectus sericeus</i>	Silver Buttonwood				Good								Remain									
LD-06	462	<i>Washingtonia robusta</i>	Washington Palm		30	GW	Good/Fair							In the way of construction	Remove									1
LD-06	463	<i>Washingtonia robusta</i>	Washington Palm		40	GW	Good/Fair							In the way of construction	Remove									1
LD-06	464	<i>Washingtonia robusta</i>	Washington Palm		65	GW	Good/Fair							In the way of construction	Remove									1
LD-06	465	<i>Bursera simaruba</i>	Gumbo Limbo				Fair	Lopsided Canopy			Structure Pruning				Remain									
LD-06	466	<i>Coccoloba uvifera</i>	Sea Grape				Good								Remain									
LD-06	467	<i>Bursera simaruba</i>	Gumbo Limbo	12	13	14	Good/Fair	Co-Dominant Leaders			Structure Pruning				Remain									
LD-06	468	<i>Bursera simaruba</i>	Gumbo Limbo	5	7	8	Good/Fair	Co-Dominant Leaders, Included Bark			Structure Pruning				Remain									
LD-06	469	<i>Bursera simaruba</i>	Gumbo Limbo	6	10	7	Good								Remain									
LD-06	470	<i>Cocos nucifera</i>	Coconut Palm				Fair	Discolored Foliage			Fertilization				Remain									
LD-06	471	<i>Washingtonia robusta</i>	Washington Palm		30, 27	GW	Good							DOUBLE TRUNK / In the way of construction	Remove									1
LD-06	471A	<i>Washingtonia robusta</i>	Washington Palm		28, 2	GW	Good							DOUBLE TRUNK / In the way of construction	Remove									1
LD-06	471B	<i>Cocos nucifera</i>	Coconut Palm				Good	Utility Line Conflict			Clearance Pruning				Remain									
LD-06	471C	<i>Cocos nucifera</i>	Coconut Palm				Good	Utility Line Conflict			Clearance Pruning				Remain									
LD-06	471D	<i>Cocos nucifera</i>	Coconut Palm				N/A							NOT ON MAP	Remain									
LD-06	471D	<i>Cocos nucifera</i>	Coconut Palm				Fair	Utility Line Conflict	Discolored Foliage		Clearance Pruning	Fertilization			Remain									
LD-06	472	<i>Swietenia mahagoni</i>	Mahogany	10	22	14	Fair	Partially Uprooted			Bracing/Support			POOR - ROOT STRUCTURAL ISSUES	Remain									
LD-06	473	<i>Swietenia mahagoni</i>	Mahogany	13	46	38	Fair	Lopsided Canopy			Structure Pruning			POOR	Remain									
LD-06	474	<i>Cocos nucifera</i>	Coconut Palm		15 to 25		Fair	Discolored Foliage			Fertilization				Remain									
LD-06	475	<i>Cocos nucifera</i>	Coconut Palm		15 to 25		Fair	Discolored Foliage			Fertilization				Remain									
LD-06	476	<i>Cocos nucifera</i>	Coconut Palm		15 to 25		Fair	Discolored Foliage			Fertilization				Remain									
LD-06	477	<i>Cocos nucifera</i>	Coconut Palm		15 to 25		Fair	Discolored Foliage			Fertilization				Remain									
LD-06	478	<i>Cocos nucifera</i>	Coconut Palm		15 to 25		Fair	Discolored Foliage			Fertilization				Remain									
LD-06	479	<i>Cocos nucifera</i>	Coconut Palm		15 to 25		Fair	Discolored Foliage			Fertilization				Remain									
LD-06	480	<i>Cocos nucifera</i>	Coconut Palm		15 to 25		Fair	Discolored Foliage			Fertilization				Remain									
LD-06	481	<i>Cocos nucifera</i>	Coconut Palm		15 to 25		Fair	Discolored Foliage			Fertilization				Remain									
LD-06	482	<i>Cocos nucifera</i>	Coconut Palm		15 to 25		Fair	Discolored Foliage			Fertilization				Remain									
LD-06	483	<i>Cocos nucifera</i>	Coconut Palm		15 to 25		Fair	Discolored Foliage			Fertilization				Remain									
LD-06	484	<i>Cocos nucifera</i>	Coconut Palm		15 to 25		Fair	Discolored Foliage			Fertilization				Remain									
LD-06	485	<i>Cocos nucifera</i>	Coconut Palm		15 to 25		Fair	Discolored Foliage			Fertilization				Remain									
LD-06	486	<i>Swietenia mahagoni</i>	Mahogany	10	26	13	Fair	Co-Dominant Leaders						MITIGATION REQUIRED - In the way of construction	Remove	1								
LD-06	486A	<i>Washingtonia robusta</i>	Washington Palm		30	GW	Good							MITIGATION REQUIRED - In the way of construction	Remove									1
LD-06	487	<i>Swietenia mahagoni</i>	Mahogany	14	30	24	Fair	Co-Dominant Leaders, Included Bark						MITIGATION REQUIRED - In the way of construction	Remove	1								
LD-06	488	<i>Swietenia mahagoni</i>	Mahogany	14	38	30	Fair	Co-Dominant Leaders	Lopsided Canopy					MITIGATION REQUIRED - In the way of construction	Remove	1								
LD-06	489	<i>Cocos nucifera</i>	Coconut Palm		18		Fair	Discolored Foliage			Fertilization				Remain									
LD-06	489A	<i>Coccoloba uvifera</i>	Seagrape				Fair	Low Multi-Trunk	Stubs		Crown Cleaning			Grouping / Shrubs	Remain									
LD-06	490	Not used					N/A							Remain										
LD-06	491	<i>Bursera simaruba</i>	Gumbo Limbo	8	20	13	Fair	Poor Structure	Lopsided Canopy					STRUCTURAL ISSUES - Growing under tree	Remove	1								
LD-06	492	<i>Cocos nucifera</i>	Coconut Palm		8		Good							FAIR CONDITION -In the way of construction	Relocate									1
LD-06	493	<i>Conocarpus erectus</i>	Green Buttonwood	26	40	60	Good							GOOD	Remain									
LD-06	494	<i>Cocos nucifera</i>	Coconut Palm		12		Good							GOOD	Remain									
LD-06	495	<i>Conocarpus erectus</i>	Green Buttonwood	26	30	45	Good							GOOD	Remain									
LD-06	496	<i>Cocos nucifera</i>	Coconut Palm		8		Good							GOOD	Remain									
LD-06	497	<i>Conocarpus erectus</i>	Green Buttonwood	18	24	35	Good							GOOD	Remain									
LD-06	498	<i>Conocarpus erectus</i>	Green Buttonwood	30	40	50	Good							GOOD	Remain									
LD-06	499	<i>Conocarpus erectus</i>	Green Buttonwood	14	28	28	Good/Fair	Co-Dominant Leaders			Structure Pruning			STRUCTURAL ISSUES	Remain									
LD-06	500	<i>Cocos nucifera</i>	Coconut Palm		8		Good							GOOD	Remain									
LD-06	501	<i>Cocos nucifera</i>	Coconut Palm		20		Good							GOOD - LEANING AT ANGLE	Remain									
LD-06	502	<i>Conocarpus erectus</i>	Green Buttonwood	30	35	40	Good/Fair	Co-Dominant Leaders						DOUBLE TRUNK	Remain									
LD-06	503	<i>Cocos nucifera</i>	Coconut Palm		20		Good							GOOD	Remain									
LD-06	504	<i>Conocarpus erectus</i>	Green Buttonwood	26	30	30	Good/Fair	Leaning (Minor)							Remain									
LD-06	505	<i>Cocos nucifera</i>	Coconut Palm		16		Good							GOOD - LEANING AT ANGLE	Remain									
LD-06	506	<i>Cocos nucifera</i>	Coconut Palm		18		Good/Fair	Discolored Foliage			Fertilization			ACCEPTABLE	Remain									
LD-06	507	<i>Conocarpus erectus</i>	Green Buttonwood	18	20	20	Fair	Recumbant	Stubs	Sprouts	Crown Cleaning			FALLEN TREE - REMOVAL REQUIRES ARBORIST REVIEW	Remain									
LD-06	508	<i>Cocos nucifera</i>	Coconut Palm		20		Good							GOOD	Remain									
LD-06	508A	<i>Coccoloba uvifera</i>	<i>Coccoloba uvifera</i>				Fair	Low Multi-Trunk							Remain									
LD-06	508B	<i>Tabebuia caribaea</i>	Yellow Tabebuia				Good								Remain									
LD-06	508C	<i>Coccoloba uvifera</i>	<i>Coccoloba uvifera</i>				Fair	Low Multi-Trunk							Remain									
LD-06	508D	<i>Coccoloba uvifera</i>	Seagrape				Fair	Low Multi-Trunk	Stubs		Crown Cleaning				Remain									
LD-06	508E	<i>Coccoloba uvifera</i>	Seagrape				Fair	Low Multi-Trunk	Stubs		Crown Cleaning				Remain									
LD-06	508F	<i>Cocos nucifera</i>	Coconut Palm				Good								Remain									
LD-06	508G	<i>Coccoloba uvifera</i>	Seagrape				Fair	Low Multi-Trunk	Stubs		Crown Cleaning				Remain									
LD-06	508H	<i>Coccoloba uvifera</i>	Seagrape				Fair	Low Multi-Trunk	Stubs		Crown Cleaning				Remain									
LD-06	508I	<i>Washingtonia robusta</i>	Washington Palm		3	GW	Good							No mitigation required	Remove									1

Higgs Beach Park at Atlantic Boulevard

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Sheet No.	Tree #	Botanical Name	Common Name	Caliper (in)	Height (ft)	Spread (ft)	CONDITION	Defect 1	Defect 2	Defect 3	Recommendation 1	Recommendation 2	Comments	Photo # (if applicable)	Condition	Disposition	Canopy Tree-Remove	Native Palms-Remove	Non-Native Palms-Remove-MITIGATE	Canopy-Transplant	Palms-Transplant	Inv/Unreg - Remove	
LD-06	509	Bursera simaruba	Gumbo Limbo	8	15	14	Good								FAIR CONDITION -In the way of construction	Relocate				1			
LD-06	510	Conocarpus erectus sericeus	Silver Buttonwood	14	20	24	Good								FAIR CONDITION -In the way of construction	Relocate				1			
LD-06	511	Bursera simaruba	Gumbo Limbo	8	13	13	Fair	Defoliated (Moderate)			Fertilization				FAIR CONDITION -In the way of construction	Relocate				1			
LD-06	511A	Cocos nucifera	Coconut Palm		13 GW		Good								GOOD - In the way of construction	Relocate					1		
LD-06	512	Conocarpus erectus sericeus	Silver Buttonwood	13	25	30	Fair	Poor Structure							FAIR CONDITION -In the way of construction	Remove	1						
LD-06	512A	Wodyetia bifurcata	Foxtail Palm		7 GW		Fair	Discolored Foliage							No mitigation required							1	
LD-06	512B	Wodyetia bifurcata	Foxtail Palm		8 GW		Fair	Discolored Foliage							No mitigation required	Remove						1	
LD-06	512C	Wodyetia bifurcata	Foxtail Palm		7 GW		Fair	Discolored Foliage							No mitigation required	Remove						1	
LD-06	513	Cocos nucifera	Coconut Palm		10 GW		Good									Remain							
LD-06	514	Cocos nucifera	Coconut Palm		13 GW		Good									Remain							
LD-06	515	Cocos nucifera	Coconut Palm		18 GW		Good									Remain							
LD-06	516	Cocos nucifera	Coconut Palm		13 GW		Good									Remain							
LD-06	517	Cassia surattensis	Glauca Cassia	4	13	14	Fair	Co-Dominant Leaders, Included Bark	Defoliated (Minor)		Structure Pruning		Corrected Name, Shown as "Remove on Map"		FAIR CONDITION	Remain							
LD-06	518	Cocos nucifera	Coconut Palm				Good									Remain							
LD-06	519	Cocos nucifera	Coconut Palm		9		Good								DOUBLE	Remain							
LD-06	520	Cocos nucifera	Coconut Palm		7		N/A							NOT ON MAP	DOUBLE	Remain							
LD-06	521	Cocos nucifera	Coconut Palm		13 GW		Good								GOOD - In the way of construction	Relocate					1		
LD-06	522	Cocos nucifera	Coconut Palm		11 GW		Good								GOOD - In the way of construction	Relocate					1		
LD-06	523	Cocos nucifera	Coconut Palm		15 GW		Good								GOOD - In the way of construction	Relocate					1		
LD-06	524	Cocos nucifera	Coconut Palm		17 GW		Good								GOOD - In the way of construction	Relocate					1		
LD-06	525	Cocos nucifera	Coconut Palm		6 GW		Good								GOOD - In the way of construction	Relocate					1		
LD-06	526	Cocos nucifera	Coconut Palm		22 GW		Good								GOOD - In the way of construction	Relocate					1		
LD-06	527	Cocos nucifera	Coconut Palm		15 GW		Good								GOOD - In the way of construction	Relocate					1		
LD-06	528	Cocos nucifera	Coconut Palm		17 GW		Good								GOOD - In the way of construction	Relocate					1		
LD-06	529	Cocos nucifera	Coconut Palm		8 GW		Good								GOOD - In the way of construction	Relocate					1		
LD-06	530	Cocos nucifera	Coconut Palm		13 GW		Good								GOOD - In the way of construction	Relocate					1		
LD-06	531	Cocos nucifera	Coconut Palm		13 GW		Good								GOOD - In the way of construction	Relocate					1		
LD-06	532	Cocos nucifera	Coconut Palm		11 GW		Good								GOOD - In the way of construction	Relocate					1		
LD-06	533	Cocos nucifera	Coconut Palm		13 GW		Good								GOOD - In the way of construction	Relocate					1		
LD-06	534	Cocos nucifera	Coconut Palm		10 GW		Good								GOOD - In the way of construction	Relocate					1		
LD-06	535	Cocos nucifera	Coconut Palm		8 GW		Good								GOOD - In the way of construction	Relocate					1		
LD-06	536	Casuarina equisetifolia	Australian Pine		50-60		N/A								INVASIVE - No mitigation required	Remove						1	
LD-06	537	Casuarina equisetifolia	Australian Pine		50-60		N/A								INVASIVE - No mitigation required	Remove						1	
LD-06	538	Casuarina equisetifolia	Australian Pine		50-60		N/A								INVASIVE - No mitigation required	Remove						1	
LD-06	539	Cocos nucifera	Coconut Palm		6-8 GW		Good								GOOD - In the way of construction	Relocate					1		
LD-06	540	Cocos nucifera	Coconut Palm		6-8 GW		Good								GOOD - In the way of construction	Relocate					1		
LD-06	541	Cocos nucifera	Coconut Palm		6-8 GW		Good								GOOD - In the way of construction	Relocate					1		
LD-06	542	Cocos nucifera	Coconut Palm		6-8 GW		Good								GOOD - In the way of construction	Relocate					1		
LD-06	543	Cocos nucifera	Coconut Palm		6-8 GW		Good								GOOD - In the way of construction	Relocate					1		
LD-06	544	Cocos nucifera	Coconut Palm		6-8 GW		Good								GOOD - In the way of construction	Relocate					1		
LD-06	545	Cocos nucifera	Coconut Palm		6-8 GW		Good								GOOD - In the way of construction	Relocate					1		
LD-06	546	Thrinax radiata	Florida Thatch Palm				Good/Fair	Discolored Foliage			Fertilization		Corrected Species Name			Remain							
LD-06	547	Bucida buceras	Black Olive	6	11		Poor	Over-trimmed shrub					Added Species Name		MITIGATION REQUIRED - BAD STRUCTURE	Remove	1						
LD-06	548	Cocos nucifera	Coconut Palm				Good									Remain							
LD-06	549	Cocos nucifera	Coconut Palm				Good									Remain							
LD-06	550	Thrinax radiata	Florida Thatch Palm				Fair	Discolored Foliage			Fertilization					Remain							
LD-06	551	Thrinax radiata	Florida Thatch Palm				Fair	Discolored Foliage			Fertilization					Remain							
LD-06	552	Coccoloba uvifera	Seagrape				Fair	Trunk Damage (Moderate)	Defoliated (Moderate)							Remain							
LD-06	553	Coccoloba uvifera	Seagrape				Good									Remain							
LD-06	554	Sabal palmetto	Sabal Palm				Good/Fair	Discolored Foliage			Fertilization					Remain							
LD-07	555	Sabal palmetto	Sabal Palm				Good/Fair	Discolored Foliage			Fertilization					Remain							
LD-07	556	Cocos nucifera	Coconut Palm				Good									Remain							
LD-07	557	Cocos nucifera	Coconut Palm				Fair	Discolored Foliage			Fertilization					Remain							
LD-07	558	Cocos nucifera	Coconut Palm				Fair	Discolored Foliage			Fertilization					Remain							
LD-07	559	Cocos nucifera	Coconut Palm				Fair	Discolored Foliage			Fertilization					Remain							
LD-07	560	Sabal palmetto	Sabal Palm				Poor	Discolored Foliage			Fertilization					Remain							
LD-07	561	Cocos nucifera	Coconut Palm				Fair	Discolored Foliage			Fertilization					Remain							
LD-07	562	Cocos nucifera	Coconut Palm				Good									Remain							
LD-07	563	Thrinax radiata	Florida Thatch Palm				Fair	Discolored Foliage			Fertilization					Remain							
LD-07	564	Cocos nucifera	Coconut Palm				Good									Remain							
LD-07	565	Cocos nucifera	Coconut Palm				Good									Remain							
LD-07	566	Cocos nucifera	Coconut Palm				Good									Remain							
																	TOTAL - CANOPY TREES TO BE REMOVED		19.00				
																	TOTAL - NATIVE PALMS - TO BE REMOVED		0.00				
																	TOTAL NUMBER OF NON-NATIVE PALMS - TO BE REMOVED AND TO MITIGATE		17.00				
																	TOTAL NUMBER OF TREES - TO BE TRANSPLANTED / RELOCATED		7.00				
																	TOTAL NUMBER OF PALMS TO BE TRANSPLANTED / RELOCATED		97.00				
																	TOTAL NUMBER OF INVASIVE / UNREGULATED PLANTS TO BE REMOVED		33.00				

ATTACHMENT 2

Photo Pages



Photo 1 – Tree No. 116.



Photo 2 – Tree No. 112B.



Photo 3 – Tree No. 129.



Photo 4 – Tree No. 130.



Photo 5 – Trees No. 160 and 161.



Photo 6 – Trees No. 150 to 156 (overview).



Photo 7 – Tree No. 180.



Photo 8 – Tree No. 187.



Photo 9 – Tree No. 209.



Photo 10 – Tree No. 200B.



Photo 11 – Tree No. 214.



Photo 12 – Tree No. 229.



Photo 13 – Tree No. 270.



Photo 14 – Tree No. 271.



Photo 15 – Tree No. 412



Photo 16 – Tree No. 410.



Photo 17 – Tree No. 400.



Photo 18 – Tree No. 403.



Photo 19 – Tree No. 378A



Photo 20 – Tree No. 378B.



Photo 21 – Tree No. 507.



Photo 22 – Tree No. 473.

ATTACHMENT 3

Tree Disposition Plan Mark Up

